



DEPARTMENT OF WATER RESOURCES
EXAMINATION ANNOUNCEMENT



The Department of Water Resources offers Equal Opportunity for all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

It is an objective of the State of California to achieve a drug-free State workplace. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

SENIOR ENGINEER, WATER RESOURCES
OPEN STATEWIDE

FINAL FILING DATE	JUNE 22, 2012
	Examination Application Form (STD 678 Rev.6/2010) must be POSTMARKED OR SUBMITTED IN PERSON no later than the final filing date. Examination Applications postmarked, personally delivered, submitted online or received via interoffice mail after the final filing date will not be accepted for any reason . FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED.
WHO SHOULD APPLY	This is an Open examination. Applications will not be accepted on a promotional basis.
HOW TO APPLY	<p>You must complete the Examination Application Form (Form STD 678 Rev. 6/2010) by the final filing date JUNE 22, 2012</p> <p>Submit an Examination Application by mail or in person.</p> <div><div>❖ <u>MAIL:</u> Department of Water Resources P.O. Box 942836 Sacramento, CA 94236-0001</div><div><u>SUBMIT IN PERSON:</u> Department of Water Resources 1416 9th Street, Room 320 Sacramento, CA 95814</div></div>
	<p>DO NOT MAIL APPLICATIONS TO THE STATE PERSONNEL BOARD OR DEPARTMENT OF WATER RESOURCES' FIELD OFFICES. Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, the State Personnel Board (SPB), and the SPB website: www.jobs.ca.gov.</p>
IDENTIFICATION REQUIRED	Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.
SPECIAL TESTING ARRANGEMENTS	If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the "Application for Examination". You will be contacted to make specific arrangements.
SALARY RANGE	Range A: \$7377 - \$8965
ELIGIBLE LIST INFORMATION	An open eligible list will be established for the Department of Water Resources. The list will be abolished 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.
EXAMINATION DATES	The entire examination will consist of a Qualifications Appraisal Panel Interview. It is anticipated that the Qualifications Appraisal Panel Interviews will be held in July/August 2012 .
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<p>Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.</p> <p>AND</p> <p>Two years of experience performing the duties of an Engineer, Water Resources, Range D, or in comparable work.</p>
POSITION DESCRIPTION	<p>A Senior Engineer, Water Resources, under general direction, supervises other personnel performing, or may perform complex civil engineering work in any phase of the State's water resources program.</p> <p><i>Positions exist Statewide with the Department of Water Resources.</i></p>
EXAMINATION INFORMATION	This examination will consist of a Qualifications Appraisal Interview – Weighted 100.00% . In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained in the interview. COMPETITORS WHO DO NOT APPEAR FOR THE INTERVIEW WILL BE DISQUALIFIED.

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

SCOPE OF
EXAMINATION

Qualifications Appraisal Interview – Weighted 100.00%

In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examining interview will be on measuring competitively, relative to job demands, each competitor's:

A. Knowledge of:

1. Water resource development planning, including the science of hydrology, measurement of and evaluation procedures employed in making water resource inventories; water utilities; project economics and layout and formation of single and multipurpose water development projects.
2. Statutory enactments and court decisions relating to water appropriations, distribution, and the investigation leading to the adjudication of the rights to use water and the practice of distributing water supply under stipulated agreements and court decrees.
3. California laws, rules, and regulations pertaining to water bonds
4. Design of a wide variety of engineering projects, including hydraulic structures employed in water supply, irrigation, drainage, hydroelectric power production, and flood control and related activities. Requires knowledge of engineering principles, design methods, and procedures, properties, and uses of construction materials, standard specifications and pertinent codes, construction methods and equipment, and the effect of geology and soil conditions on the design and adequacy of structures.
5. Construction, inspection, and maintenance of a wide variety of engineering projects associated with water resource development. Requires knowledge of methods, materials, accepted safety practices, and equipment employed in construction; and laws, rules, and regulations pertaining to construction, repair, and maintenance of water projects.
6. Operation of water development, transport, and control features to meet water conservation, power generation, flood control, drainage, salinity control, navigation, recreation, and fish and wildlife requirements, including negotiation and administration of contracts.
7. California Water Plan, Bay Delta Conservation Plan, State Water Project, other activities of the Department of Water Resources, and general activities of the State Water Resources Control Board.
8. Principles of effective project management.
9. General knowledge of computers, a working knowledge of common office applications, and familiarity with common engineering software.
10. General knowledge of State finance and accounting program (SAP) and Budget Change Proposal.
11. Principles of effective supervision.
12. The Department's Equal Employment Opportunity objectives.
13. A manager's role in the Equal Employment Opportunity Program and the processes available to meet these objectives.

B. Ability to:

1. Function as a competent specialist in one or more of the fields described above.
2. Prepare clear and concise engineering reports, drawings, and specifications.
3. Effectively direct the work of subordinates.
4. Establish and maintain cooperative relations with those contacted in the course of the work and represent the Department at public meetings.
5. Analyze situations and take effective action.
6. Manage projects to accomplish a specific, measurable, attainable, relevant and timely goal.
7. Manage expenditures, cost projection, budget and cost estimate.
8. Effectively contribute to the Department's equal employment opportunity objectives.

VETERANS
PREFERENCE/ CAREER
CREDITS

Veterans Preference Credit will not be granted in this examination, as it does not qualify as an entrance examination under the law. **Career Credits** do not apply and will not be added to this examination.

GENERAL INFORMATION

The Department of Water Resources reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

For any examination without a written feature it is the candidate's responsibility to contact the Selection Services Section of the Department of Water Resources, (916) 653-4838 three weeks after the final filing date if he/she has not received a progress notice.

Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, the State Personnel Board (SPB), and the SPB website: www.jobs.ca.gov/jobs.

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.

If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.
California Relay Telephone Service for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.

For information regarding this examination, please contact Brandon Littlejohn at (916) 653-7109.